



Curriculum Vitae

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I. Personal History

Name	Mehrdad Ravanshad
Degree	Associate Professor
Birth Date & Place	5, Jan., 1975; Shiraz, Iran
Citizenship	Iran
Marital Status	Married
College Address	Department of Virology, Faculty of Medical Sciences, Tarbiat Modares University, P O Box: 14115-331 Tel: +98 – 21- 82883836 Fax: +98 – 21- 82883836
E-mail Address	ravanshad@modares.ac.ir

II. Educational History

- 1992 – 1996** B.Sc. Degree in Molecular and Cellular Biology, Kazeroon Medical University, Kazeroon, Iran.
Honor Research: Detection, Isolation and Cultivation of Oil fermenter Bacteria and Fungi from Soil and Water.
- 1996 – 1999** M.Sc. Degree in Virology, Tarbiat Modarres University, Tehran, Iran.
Honor Thesis: Development and application of Enzyme Linked Immunosorbent Assay (ELISA) to detect and measure Human Herpes Simplex Virus Type I specific IgM Antibodies.

2000 – 2004 Ph.D. Degree in Medical Virology, Tarbiat Modarres University, Tehran, Iran.
Honor Dissertation: Development of an Immuno-Blot Assay for Detection of Human Immunodeficiency Virus type 1, Using Recombinant and Purified gag and gp41 Proteins.

III. Professional Positions

1988 – 1992 Clinical Pathology Trainee, *Razi Pathology Lab.*, Kharim Khan Zand Blvd. Shiraz, Iran.

Supervisor: Bahram Pishdad, MD Ph.D. Clinical Pathologist.

1992 – 1996 Research Assistant, Department of Microbiology, Faculty of Medical Sciences, Kazeroon Medical University.

Assisted in the following research projects:

1. Isolation and Cultivation of Oil Fermenter Bacteria and Fungi from Soil and Sea Water.
2. Different usage and products from Molasses in Industrial and Food Microbiology.
3. Isolation and Cultivation of Nitrogen Fixation Bacteria and Fungi from Soil.
4. Isolation and Cultivation of Archeo and Fluorescence Bacteria.

Supervisor: M.Karbasee, Ph.D and K.Parand, Ph.D. and M.Sharif, Ph.D.

1996 – 1998 Research Assistant, Department of Virology, Faculty of Medical Sciences, Tarbiat Modarres University.

Duties:

1. Assisted in research on Application of ELISA for Detection of IgM and IgG Antibodies against Measles Virus.
2. Assisted in research on Application of ELISA for Detection of IgM and IgG Antibodies against Human Herpes Virus Type 1 and 2.

Advisor: Mohammad H. Roostae, Ph.D.

Supervisors: Farzaneh Sabahi, Ph.D, Ali Mostafae, Ph.D.

1996 – 1999 Research Assistant, Department of Immunology, Faculty of Medical Sciences, Tarbiat Modarres University.

Duties: Assisted in research on Purification of Human IgM, IgG and IgE using Different Means of Gel Chromatography, Ion Exchange Chromatography (DEAE), FPLC and HPLC.

Supervisors: Ali Mostafae, Ph.D. and Zahir Mohammad Hassan, Ph.D.

2001 – 2004

Research Assistant, Department of Virology, Faculty of Medical Sciences, Tarbiat Modarres University.

Assisting in the following projects:

1. Teaching and Supervising Virology M.Sc. Students in Various Aspects of Theoretical and Practical Virology.
2. Application of EIA for Detection of HIV p24 Antigenemia.
3. Application of PCR and RT-PCR for Detection of HIV-1 and HIV-2 Viruses.
4. Application of EIA for Detection of HIV-1 gp120 Antigenemia.
5. Production of HIV-1 p24, gp120 and gp41 and p24/gp41 fusion proteins using Advanced Biotechnological Techniques.
6. Production of HIV-2 gp36 and p24/gp41/gp36 fusion proteins using Advanced Biotechnological Techniques.

2001 – 2004

Research Assistant, Biotechnology Products Development Center, Pasture Institute of Iran, Tehran, Iran.

Duties:

1. Assist in Research and Development on protein and Biotechnology products on Recombinant HIV-1 and HIV-2 Proteins.
2. Assist in Research and Development on protein and Biotechnology products on Recombinant HCV Proteins.
3. Assist in Research and Development on protein and Biotechnology products on Recombinant HBV Proteins.
4. Assist in Research and Development on protein and Biotechnology products on Recombinant Human Insulin protein.
5. Assist in research on Application of EIA for Detection of Aflatoxin in food resources.

IV. Academic Experiences

- 1993 – 1996** Teaching Assistant for B.Sc. Courses in Medical Microbiology.
- 1993 – 1996** Teaching Assistant for B.Sc. Courses in Medicine and Nursing.
- 2002 – Now** Teaching Assistant for M.Sc. Courses in Medical Virology. Systematic Virology I “DNA Viruses” (Ref. Fields Virology, Ed. 2007)
- 2002 – Now** Teaching Assistant for M.Sc. Courses in Medical Virology. Systematic Virology II “RNA Viruses” (Ref. Fields Virology, Ed. 2007)
- 2002 – Now** Teaching Assistant for M.Sc. Courses in Medical Virology. Practical Virology Laboratories I and II.
- 2003 – Now** Teaching Assistant for Ph.D. Courses in Medical Virology. Modern Techniques in Virology.
- 2005 – Now** Teaching Assistant for M.Sc. Courses in Medical Virology. Systematic Bacteriology.
- 2005 – Now** Teaching Assistant for Ph.D. Courses in Medical Virology. Advanced Techniques in Cell and Tissue Culture Laboratories.
- 2006 – Now** Teaching Assistant for Ph.D. Courses in Medical Virology. Advanced General Virology (Ref. Principles of Virology, Ed. 2005).
- 2006 – Now** Teaching Assistant for Ph.D. Courses in Medical Virology. Advanced General Virology.

V. Membership in Professional Associations

- International Society for Infectious Disease "ISID".
- Iranian Society for Virology “ISV” (Life-Time Member).
- Iranian Society for Microbiology “ISM” (Member).
- American Society for Virology “ASV” (Full Member)

VI. Professional Activities

Associations and Divisions

- Member of Program Committee, First Congress on the Development of Science and Technology in Iran, Tehran, Iran, March 2001.

- Member of Program Committee, Iranian Society for Virology, First Congress, Tehran, Iran, February 2002.
- Member of Program Committee, Iranian Society for Virology, Second Congress, Tehran, Iran, February 2004.
- Member of Scientific Committee, Iranian Society for Virology, Third Congress, Tehran, Iran, January 2006.

➤ **Papers Presented in Congresses**

1. **M.Ravanshad**, M.H.Roostae, A.Mostafae, F.Sabahi, H.Soleimanjahi, "Development and Application of Enzyme Linked Immunosorbent Assay to Detect and Measure Human Herpes Simplex Virus type one IgM", 1st International Congress on Virology, Tehran, Iran, Feb. 2002.
2. **M.Ravanshad**, M.H.Roostae, A.Mostafae, F.Sabahi, "A Rapid Modified Antibody-Capture Enzyme-Linked Immunosorbent Assay (ELISA) for Detection HSV-1 Primary Infection in Human", 10th International Congress on Infectious Diseases (ICID), Singapore, March. 2002.
3. M.Ziyaeyan, M.H.Roostae, **M.Ravanshad**, M.S.H.Shahrabadi, H.Soleimanjahi, "Virological and Sero-Epidemiological Patterns of Herpes Simplex Virus Infections among Pregnant Women in Three Areas of Tehran", 1st International Congress on Virology, Tehran, Iran, Feb. 2002.
4. M.Ziyaeyan, M.H.Roostae, **M.Ravanshad**, M.S.H.Shahrabadi, "Virological and Sero-Epidemiological Patterns of Herpes Simplex Virus Infections among Pregnant Women in Tehran", 10th International Congress on Infectious Diseases (ICID), Singapore, March. 2002.
5. M.H.Roostae, **M.Ravanshad**, F.Roodbari, A.Mostafae, H.Soleimanjahi, F.Sabahi, "Application of ELISA for Detection of IgM Antibodies Against Measles Virus and Human Herpes virus", 10th International Congress on Infectious Diseases (ICID), Singapore, Spring 2002.
6. **M.Ravanshad**, M.H.Roostae, A.Mostafae, F.Sabahi, "A Rapid Modified Antibody-Capture Enzyme-Linked Immunosorbent Assay (ELISA) for Detection of HSV Primary Infection in Human", 13rd European Congress of Clinical Microbiology and Infectious Disease (ECCMID), Glasgow, May 2003.
7. **M.Ravanshad**, F.Mahboodi, F.Sabahi, M.H.Roostae, "Development and Application of a Dot Blot Assay for Detection of Human Immunodeficiency Virus Type 1 and 2 Using Recombinant p24, gp41 and gp36 Proteins from Iranian Strains", 14th European Congress of Clinical Microbiology and Infectious Disease (ECCMID), Prague, Czech Republic, May 2004.
8. **M.Ravanshad**, F.Mahboodi, F.Sabahi, M.H.Roostae, "Diagnosis of Human Immunodeficiency Virus type 1 and 2 Infection in Laboratory by EIAs", 2nd International Congress on Virology, Tehran, Iran, winter 2004.
9. **M.Ravanshad**, F.Mahboodi, F.Sabahi, M.H.Roostae, "An Accurate and Reliable Confirmation of Human Immunodeficiency Virus Type 1 (HIV-1) and 2 (HIV-2) infections with an Immunoblot assay Using Recombinant p24, gp41, gp120 and gp36 Antigens", 12th International Congress of Immunology and 4th annual Conference of FOCIS, Montreal, Canada, July 2004.

10. **M.Ravanshad**, F.Mahboodi, F.Sabahi, M.H.Roostae, "Evaluation of a New Dot Blot Assay for Detection of Human Immunodeficiency Virus Type 1 and 2 Using Recombinant p24, gp41 and gp36 Proteins", 15th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, Denmark, April 2005.
11. R.Mohebi, **M.Ravanshad**, F.Sabahi, F.Mahboudi, "Development of a new p24 Antigenaemia Enzyme Linked Immunosorbent Assay (ELISA) for Detection of Human Immunodeficiency Virus", 15th European Congress of Clinical Microbiology and Infectious Diseases, Copenhagen, Denmark, April 2005.
12. R.Mohebi, F.Sabahi, **M.Ravanshad**, M.Mahdavi, F.Mahboudi, A.Arefian, "A modified Enzyme Linked Immunosorbent Assay (ELISA) for Detection of HIV-1 P₂₄ Antigenemia among Iranian Infected Patients", 1st Iranian Seminar on Immunity and Infections, March 2005.
13. S.Amel, F.Sabahi, M.Forouzandeh Moghadam, A.Kazemnejad, F.Mahboudi, **M.Ravanshad**, "Quantification of Human Immunodeficiency virus type 1 RNA by SYBR Green real time RT-PCR", 3rd Iranian Congress of Virology, January 2006.
14. S.Amel, F.Sabahi, M.Forouzandeh Moghadam, A.Kazemnejad, F.Mahboudi, **M.Ravanshad**, "Quantification of proviral genome in infected patients with HIV by Real-Time PCR", 3rd Iranian Congress of Virology, January 2006.
15. **M. Ravanshad**, J. Doozandeh, F. Sabahi, S. Amell, "A Sensitive RT-nested PCR for Detection Human Immunodeficiency Virus (HIV) Infection". 12th International Congress of Infectious Disease, Lisbon, Portugal, 2006.
16. **M. Ravanshad**, F. Mahboudi, F. Sabahi, S. Bayanolhagh, "Semi-quantification Analysis of Dot Blot Assays for Human Immunodeficiency Virus Type 1 and 2 Antibodies", 12th International Congress of Infectious Disease, Lisbon, Portugal, 2006.
17. **M. Ravanshad**, F. Sabahi, F. Mahboudi, S. Bayanolhagh, "Seven Human Immunodeficiency Virus (HIV) Antigen-Antibody Combination Assays: Evaluation of HIV Seroconversion Sensitivity and Subtype Detection". 12th International Congress of Infectious Disease, Lisbon, Portugal, 2006.
18. **M. Ravanshad**, R.Mohebi, F. Mahboudi, F. Sabahi, "Evaluation of An Ultra sensitive Fourth Generation HIV Screening Enzyme Linked Immunosorbent Assay (ELISA) in Infants", 12th International Congress of Infectious Disease, Lisbon, Portugal, 2006.
19. S.Amel, F.Sabahi, M.Forouzandeh Moghadam, M.Haji Abdolbaghi, A.Kazemnejad, **M.Ravanshad**, F.Mahboudi, "Quantification Detection of HIV-1 RNA in Iranian Patients Treated with Antiretroviral Therapy by Real-Time PCR", 12th International Congress of Infectious Disease, Lisbon, Portugal, 2006.
20. **M. Ravanshad**, Sabahi F., Mahboudi F., Bayanolhagh S., Densitometric analysis of Dot blot assays for human immunodeficiency virus type 1 and 2 antibodies, AIDS 2006, Toronto, Canada, 2006.
21. J.Doozandeh, **Ravanshad M.**, Sabahi F., Amel S., Development of a Sensitive RT-Nested PCR for Detection HIV-1 Infection. 9th Iranian Genetic Congress, Tehran, Iran, May 2006.
22. J.Doozandeh, **Ravanshad M.**, Rasouli M., Sabahi F, Amel S. Alborzi A, Development of Visual DNA Chip for Detection HIV-1 Infection. 14th National & 2nd International Congress of Biology, Tehran, Iran, 2006.

23. **M. Ravanshad**, Rasooli M, Ziyaeyan M, Kiany S., Epidemiology and antibody prevalence of mumps in Shiraz, Iran. American Society for Virology 26th Annual Meeting, July 14 - 18, 2007.
24. **M. Ravanshad**, Sabahi F., Mahboudi F., Indeterminate human immunodeficiency virus Western blot results in Iranian patients with discordant screening assay results. American Society for Virology 26th Annual Meeting, July 14 - 18, 2007.
25. Ghanbari R., **Ravanshad M.**, Hossini SY., Shahzamani K., Sabahi F., Samadi M., Mousavifard SH., High prevalence of GBV-C infection among patients with hepatitis C virus in Iran. The 5th National Biotechnology Congress of Iran, Nov 24 – 26, 2007.
26. Khanlari Z., Hossini SY., **Ravanshad M.**, Ghanbari R., Sabahi F., Baesi K., Shahzamani K., Saber firoozi M., Yaghoubi R., Mehrabani D., Detection of HCV/HGV coinfection by using a sensitive Multiplex Nested PCR. The 5th National Biotechnology Congress of Iran, Nov 24 – 26, 2007.
27. Khanlari Z., **Ravanshad M.**, Rasouli M., Hossini SY., Alborzi A., A novel sensitive Multiplex RT-PCR ELISA method for detection of HIV-1/HCV co-infection. The 2nd Iranian Congress of Clinical Microbiology, Oct 7 – 9, 2008.
28. Baesi K., **Ravanshad M.**, Hossini SY., Shahzamani K., Haji Abdolbaghi M., Phylogenetic analysis of HIV-1 pol gene (RT sequence) among Iranian infected patients. The 2nd Iranian Congress of Clinical Microbiology, Oct 7 – 9, 2008.
29. Baesi K., **Ravanshad M.**, Hossini SY., Shahzamani K., Haji Abdolbaghi M., Application of RT-Nested PCR to detect drug resistance of RT gene in HIV-1 infected patients. The 2nd Iranian Congress of Clinical Microbiology, Oct 7 – 9, 2008.
30. Khanlari Z., **Ravanshad M.**, Rasouli M., Hossini SY., Alborzi A., Diagnosis of HIV-1, HCV and GBV-C co-infection with multiplex PCR. The 2nd Iranina Congress of Clinical Microbiology, Oct 7 – 9, 2008.
31. **Ravanshad M.**, Shenagari M., Hossini SY., Ghanbari R., A novel GAP-PCR for detection and differentiation of BK and JC virus infections. American Society for Virology 27th Annual Meeting, July 12 - 16, 2008.
32. **Ravanshad M.**, Ghanbari R., Hossini SY., Yaghoubi R., Shenagari M., Genotyping and prevalence of GBV-C in Iranian HCV infected patients. American Society for Virology 27th Annual Meeting, July 12 - 16, 2008.
33. **Ravanshad M.**, Ghanbari R., Hossini SY., Yaghoubi R., Shahzamani K., Shenagari M., Evaluation of prevalence, genotyping and impact on liver of GB virus type C in Iranian HCV infected patients. American Society for Virology 27th Annual Meeting, July 12 - 16, 2008.
34. Khanlari Z., **Ravanshad M.**, Rasouli M., Ziyaeyan M., Sensitivity comparison of PCR ELISA and conventional PCR in HIV/ HCV coinfection. 5th Iranian Congress of Virology & 1st Congress of Vaccine, May 1 – 3, 2009.
35. Hosseini SY., Sabahi F., Modarressi MH., Moazzeni SM., Saberi Firoozi M., Mehrabani D., **Ravanshad M.**, Mojarrad M., Construction of recombinant adenovirus vector containing Hepatitis C virus core gene for vaccine and basic researches purposes 5th Iranian Congress of Virology & 1st Congress of Vaccine, May 1 – 3, 2009.

36. Kenarkoohi A., **Ravanshad M.**, Rasouli M., Hossini SY., Falahi Sh., Baghban A., Molecular detection of Torque Teno Virus in plasma samples of HCV infected patients in Iran. 3rd Iranian Congress of Clinical Microbiology, Oct 6 – 8, 2009.
37. Baghban A., **Ravanshad M.**, Falahi Sh., Kenarkoohi A., Detection of HIV-1 protease gene sequence using RT-Nested PCR for drug resistance analysis. 3rd Iranian Congress of Clinical Microbiology, Oct 6 – 8, 2009.
38. Kenarkoohi A., **Ravanshad M.**, Rasouli M., Falahi Sh., Baghban A., Simultaneous detection of Multiplex- amplified Human Immunodeficiency Virus Type 1 RNA and Torque Teno Virus DNA using a PCR protocol. 3rd Iranian Congress of Clinical Microbiology, Oct 6 – 8, 2009.
39. Falahi Sh., **Ravanshad M.**, Kenarkoohi A., Baghban A., Development of a sensitive Semi-Nested RT-PCR for detection of HIV-1 hyper variable region from different genotypes for phylogenetic analysis. 3rd Iranian Congress of Clinical Microbiology, Oct 6 – 8, 2009.
40. Ravanshad M., Baesi K., Hossini SY., Haji Abdolbaghi M., Application of RT- Nested PCR to detect drug resistance of RT gene in HIV-1 infected Iranian patients. American Society for Virology 28th Annual Meeting, July 11 - 15, 2009.

VIII. Publications

➤ Books

1. M.H.Roostae, **M.Ravanshad**, Z.Meshkat; *Practical Methods in Cloning and Recombinant Protein Production of HSV*, Tarbiat Modaress University Publications, 1st Edition, 2003, Tehran, Iran.
2. Sh.Falahi, A.Kenarkoohi, J.Rajbari; Supervisor: **M.Ravanshad**; *Application of Recombinant DNA Technology in DNA Vaccine Synthesis*; Dibaj Publications, 1st Edition, 2009, Tehran, Iran.
3. Sh.Falahi, J.Rajbari, A.Kenarkoohi, F.Doostdar; Supervisor: **M.Ravanshad**, M.Farajolahy; *Fundamental of Bacteriophages and Application in Biological Sciences*; Khosravi Publications, 1st Edition, 2009, Tehran, Iran.
4. Sh.Falahi, A.Kenarkoohi, F.Gorjipour; Supervisor: **M.Ravanshad**; *Introduction to AIDS and HIV*; Khosravi Publications, 1st Edition, 2009, Tehran, Iran.

➤ Articles

1. **M.Ravanshad**, F.Sabahi, F.Mahboudi, M.H.Roostae, R.Sarami Forooshani, A.Kazemnejad; *An Accurate Confirmation of Human Immunodeficiency Virus Type 1 (HIV-1) and 2 (HIV-2) Infections with a Dot blot assay Using Recombinant p24, gp41, gp120 and gp36 Antigens. Int. J. Med. Sci.* 2004; Vol. 1: p193-200.
2. **M. Ravanshad**, F. Sabahi, F. Mahboudi & A. Kazemnejad; *Evaluation of a new dot blot assay for confirmation of human immunodeficiency virus type 1 (HIV-1) and 2 (HIV-2) infections using recombinant p24, gp41, gp120 and gp36 antigens. Saudi Medical Journal.* 2006; Vol. 27(1): p31-36.

3. **M.Ravanshad**, F.Mahboudi, F.Sabahi, A.Kazemnejad; *Densitometric analysis of Dot blot assays for human immunodeficiency virus type 1 and 2 antibodies*. Saudi Medical Journal. 2006; Vol. 27(3): p447-448.
4. **M.Ravanshad**, M.H.Roustai, A.Mostafae, F.Sabahi, M.Ziyaeyan; *A Rapid Modified Antibody-Capture Enzyme-Linked Immunosorbent Assay (ELISA) for Detection HSV-1 Primary Infection in Human*. Shiraz Medical Journal. 2006; Vol. 7(2).
5. **M.Ravanshad**, F.Sabahi, F.Mahboudi; *Quantification Analysis of Dot Blot Assays for Human Immunodeficiency Virus Type 1 and 2 Antibodies*. Iranian Journal of Basic Medical Sciences. 2007; Vol. 10 (2): p210-215.
6. J.Doozandeh, **M.Ravanshad**, S.Amell Jamehdar, F.Sabahi; *A Rapid RT-Nested PCR for Detection Human Immunodeficiency Virus type 1 and 2*. SJIBTO, 2007; Vol. 3(4): p309-315.
7. J.Doozandeh, **M.Ravanshad**, M.Rasouli, F.Sabahi, A.Alborzi; *Development of Visual DNA Chip to Detect Human Immunodeficiency Virus type 1 Infection*. Modares Journal of Medical Sciences, 2007; Vol. 10(1): p9-16.
8. SR.Mohebbi, **M.Ravanshad**, F.Sabahi; *Developing ELISA Assay to Detect HIV P₂₄ Antigenemia*. Daneshvar Medicine, 2007; Vol. 5 (71): p65-72.
9. Z.Khanlari, **M.Ravanshad**, M.Rasouli, M.Ziyaeyan; *A Novel Sensitive Multiplex RT-PCR ELISA Method for Detection HIV-1/HCV co-infection*. Modares Journal of Medical Sciences, 2008; Vol. 11(1&2): p57-63.
10. Z.Khanlari, **M.Ravanshad**, M.Rasouli, M.Ziyaeyan, Sh.Falahi; *Comparison of Multiplex PCR-ELISA and Conventional Multiplex PCR for Detection of HIV-1/HCV co-infection*. Iranian Journal of Microbiology, 2010; Vol. 1(4): p3-8.
11. Sh.Falahi, **M.Ravanshad**, A.Kenarkoohi, A.Mohammad Karimi; *Sero-Prevalence of CMV in Woman's with Spontaneous Abortion in Kowsar Hospital, Ilam during 2007-2008*. Modares Journal of Medical Sciences:Pathobiology, 2010; Vol. 12(4): p39-43.
12. Sh.Falahi, **M.Ravanshad**, A.Kenarkoohi, R.Ghanbari, M.Haji Abdolbaghi; *Evaluation of Touchdown Nested PCR to Circumvent Spurious Priming and Increase Specificity during HIV and GBV-C Gene Amplification*. Armaghan Danesh, 2010; Vol. 14(4): p12-22.
13. R.Ghanbari, **M.Ravanshad**, SY.Hosseini, K.Shahzamani; *Detection of Hepatitis G Virus (GBV-C) in Chronic Hepatitis C Patient by RT-Nested PCR*. Govarehsh, 2010, Vol. 14(3): p153-160.
14. R.Ghanbari, **M.Ravanshad**, SY.Hosseini, R.Yaghoobi, K.Shahzamani; *Genotyping and Infection Rate of GBV-C among Iranian HCV-Infected Patients*. Hepatitis Monthly, 2010, Vol. 10(2): p80-87.
15. Sh.Falahi, **M.Ravanshad**, A.Kenarkoohi; *Application of new Degenerate Primer Set for Simultaneous Isolation of Hypervariable Subunit of ENV Gene from Distinct HIV-1 Genotypes*. Rahavard Danesh, 2010; (Accepted for Publication).
16. Sh.Falahi, **M.Ravanshad**, A.Kenarkoohi; *Development of a New- Fast and Sensitive One Step/One Tube Nested RT-PCR Method in Closed System by Double-Joint Primer for Detection HCV Infection*. Modares Journal of Medical Sciences:Pathobiology, 2010.

17. K.Baesi, **M.Ravanshad**, SY. Hosseini, M.Haji Abdolbaghi, K.Shahzamani; *Phylogenetic Analysis of pol Gene (RT Sequence) of HIV-1 among Iranian AIDS Patients*. SJIBTO, 2010.
18. M.Shenagari, **M.Ravanshad**, SY. Hosseini, R.Ghanbari; *Detection and Prevalence of Polyomavirus BK among kidney Transplant Patients in Iran*. IRCMJ, 2010.
19. Prevalence of GBV-C among Iranian HBV positive patients using PCR-RFLP technique. L Yazdani, M Ravanshad, Z Khanlari, SDM Nasab, NA Ahmadi, *Gastroenterology and Hepatology from bed to bench 6 (Suppl 1), S70-2; 2013.*
20. Polymorphisms within the promoter region of the gamma interferon (IFN- γ) Receptor1 gene are associated with the susceptibility to chronic HBV infection in an Iranian population. S Khanizadeh, M Ravanshad, SR Mohebbi, H Naghoosi, MA Tahaei, *Hepatitis monthly 12 (11)13; 2012.*
21. Construction and preparation of three recombinant adenoviruses expressing truncated NS3 and core genes of hepatitis C virus for vaccine purposes. SY Hosseini, F Sabahi, SM Moazzeni, MH Modarressi, MS Firoozi, *Hepatitis monthly 12 (8)11; 2012.*
22. Phylogenetic analysis of torque teno virus in hepatitis C virus infected patients in shiraz. AK Koochi, M Ravanshad, M Rasouli, S Falahi, A Baghban; *Hepatitis monthly 12 (7), 437-6; 2012.*
23. Association of polymorphism within promoter of the interferon-gamma receptor gene and HBV chronicity among Iranian patients. S Khanizadeh, M Ravanshad, SR Mohebi, MR Zali, G Talei; *International Journal of Infectious Diseases 16, e89; 2012.*
24. بررسی مقاومت دارویی مربوط به ژن پروتئاز ویروس نقص ایمنی انسان نوع ۱ در بین بیماران مبتلا به ایدز در مرکز تحقیقات ایدز ؛ . باعفی, روانشاد, قنبری صفری, صابرفر, اسمائیل, حاجی عبدالباقی. پژوهش‌های آسیب‌شناسی زیستی ۱۴ (۴), ۲۰-۱۳ ایران 2012.
25. در بین افراد آلوده به عفونت C ویروس GB برای تشخیص و تعیین ژنوتیپ Semi Nested-PCR-RFLP به کارگیری روش ؛ 2012. . یزدانی, لاله, روانشاد, خانلری, یعقوبی, رامین؛ پژوهش‌های آسیب‌شناسی زیستی ۱۵ (۱), ۹۱-۸۱ ویروس هپاتیت
26. THE RELATIONSHIP BETWEEN-611G/A (SNP) AT PROMOTER OF INTERFERON- γ RECEPTOR 1 GENE AND CHRONIC HBV INFECTION. S KHANIZADEH, M RAVANSHAD, SR MOHEBI, H NAGHOUSI, *ARAK MEDICAL UNIVERSITY JOURNAL (AMUJ) 15 (766), 10-18; 2012.*
27. Survey of Human Immunodeficiency Virus-1 Protease Gene Drug Resistance among HIV-infected Patients in an Iranian Research Center for HIV/AIDS. K Baesi, M Ravanshad, MG Safari, E Saberfar, M Hajiabdolbaghi; *Modares J Med Sci Pathobiol 14, 13-21. 2012.*
28. Drug resistance profile and subtyping of HIV-1 RT gene in Iranian patients under treatment. K Baesi, M Ravanshad, Y Hosseini, MH Abdolbaghi; *Iran J Biotechnol 10 (1), 1-710- 2012.*
29. Construction of an Expression Vector Containing a Novel Fusion Sequence from Middle Region of NS3 and Truncated Core Genes of Hepatitis C Virus. SY Hosseini, F Sabahi, S Moazzeni, M Modarressi, M Saberi-Firoozi, *Iran J virology 4 (2), 17-27; 2011.*
30. Correlation between Polymorphism of-56 SNP (T/C) Interferon- γ Receptor 1 Gene and Chronic HBV Infection. S Khanizadeh, M Ravanshad, SR Mohebbi, H Naghoosi, *Iranian Journal of virology 5 (2), 19-24; 2011.*

31. Laboratory effect of HBV infection in kidney transplant recipients and donors. K Arjmandi, R Yaghobi, M Ravanshad, SY Hosseini, J Roozbeh, *Transplantation proceedings* 43 (2), 554-556. 2011.
32. Prediction of hepatitis B virus lamivudine resistance based on YMDD sequence data using an artificial neural network model. M Ravanshad, F Sabahi, S Falahi, S Amini-Bavil-Olyae, SY Hosseini, *Hepatitis Monthly* 11 (2) 3; 2011.
33. Application of new degenerate primer set for simultaneous isolation of hyper variable subunit of ENV gene from distinct HIV-1 genotypes. S Falahi, M Ravanshad, A Kenarkoohi; *ARAK MEDICAL UNIVERSITY JOURNAL (AMUJ)* 14 (457), 60-68; 2011.
34. High prevalence of TORQUE TENO virus in patients with hepatitis C in Shiraz: 2008-2009. A Kenarkoohi, M Ravanshad, M Rasouli, Z Sharifi, S Falahi; *Arak Medical University Journal* 14 (1), 87-95, 2011.
35. Phylogenetic analysis of HIV-1 pol gene: first subgenomic evidence of CRF29-BF among Iranian HIV-1 patients. K Baesi, S Moallemi, M Ravanshad; *Asian Pacific Journal of Tropical Disease* 4, S617-S620; 2014.
36. Antiretroviral drug resistance among antiretroviral-naïve and treatment experienced patients infected with HIV in Iran. K Baesi, M Ravanshad, M Ghanbari safari, E Saberfar, SA SeyedAlinaghi, *Journal of medical virology* 86 (7), 1093-1098; 2014.
37. حسینی، روانشاد، نوروزی نیا؛ پژوهش‌های آسیب‌شناسی زیستی . در افراد آلوده ویروس هپاتیت X بررسی الگوی متیلاسیون ژن . 2014؛ ۱۶ (۴)، ۳۹-۴۶
38. ملکی، LX-2 بر بیان اکتین‌های آلفای عضله صاف در رده سلولی ستاره‌ای انسانی C تأثیر پروتئین مرکزی ویروس هپاتیت . 2015؛ روانشاد، حسینی، سید یونس، غلامی؛ پژوهش‌های آسیب‌شناسی زیستی ۱۸ (۴)، ۷۱-۷۸
39. Association between Interleukin-12 receptor B1 gene polymorphism (rs401502 C/g) and chronic Hepatitis B Virus infection. M Salehi, SR Mohebbi, M Ravanshad, P Azimzadeh, M Karkhaneh, ... *Journal of Viral Hepatitis* 22, 39; 2015.
40. Expression and purification of a novel computationally designed antigen for simultaneously detection of htlv-1 and hbv antibodies HH Zarnagh, M Ravanshad, AA Pourfatollah, MJ Rasae; *Iranian Journal of Allergy, Asthma and Immunology* 14 (2), 1684; 2015.
41. Blocking of SMAD4 expression by shRNA effectively inhibits fibrogenesis of human hepatic stellate cells. S Khanizadeh, M Ravanshad, SY Hosseini, P Davoodian, AN Zadeh, ... *Gastroenterology and Hepatology from bed to bench* 8 (4), 262-7; 2015.
42. Liquid Crystalline Nanoparticles (LCNPS) based delivery of an Anticancer bioactive, Methotrexate. M Salehi, SR Mohebbi, M Ravanshad, P Azimzadeh, M Karkhaneh, 2015.
43. Evaluation of miR-122 level in the plasma of chronically HCV infected patients. M Gholami, M Ravanshad, SM Alavian, K Baesi, S Moallemi; *Molecular Biology* 50 (2), 242-245; 2016.
44. Genetic Association between Interleukin-12 Receptor B1 Polymorphism (rs3746190 A/G) and Susceptibility to Chronic Hepatitis B Virus Infection. M Salehi, SR Mohebbi, M Ravanshad, M Karkhaneh, P Azimzadeh, *Journal of Mazandaran University of Medical Sciences* 25 (133), 111-118; 2016.
45. Epidemiology of Rotavirus-Norovirus Co-Infection and Determination of Norovirus Genogrouping among Children with Acute Gastroenteritis in Tehran, Iran; *SDM*

Nasab, F Sabahi, M Makvandi, SM Samiee, SA Nadji, M Ravanshad; Iranian biomedical journal 20 (5), 280; 2016.

46. A Molecular Approach to Nested RT-PCR Using a New Set of Primers for the Detection of the Human Immunodeficiency Virus Protease Gene; M Zarei, M Ravanshad, A Bagban, S Fallahi; Jundishapur journal of microbiology 9 (7); 2016.
47. صالحی, . مزمن B و عفونت هپاتیت B1 در ژن گیرنده اینترلوکین ۱۲ rs401502 C/G بررسی ارتباط بین پلی مورفیسم ؛ ماهنامه علمی پژوهشی دانشگاه علوم پزشکی شهید صدوقی یزد ۲۴ (۳), ۲۷۶-۲۶۹ ک ۱۳۷۵. روانشاد, محبی, زالی
48. Association between Interleukin-12 Receptor B1 Gene Polymorphism (rs401502 C/G) and Chronic Hepatitis B Virus Infection; M Salehi, M Ravanshad, SR Mohebbi, MR Zali; SSU_Journals 24 (3), 269-276; 2016.
49. Phylogeny and drug resistance of HIV PR gene among HIV patients receiving RT inhibitors in Iran. K Baesi, M Moradbeigi, M Ravanshad, A Baghban; Asian Pacific Journal of Tropical Biomedicine 6 (5), 451-454; 2016.
50. B و استعداد ابتلا به عفونت هپاتیت B1 در ژن گیرنده اینترلوکین ۱۲ rs11575934 A/G عدم ارتباط میان پلی مورفیسم Arak Medical University صالحی, محبی, روانشاد, کارخانه, عظیم زاده, پدram, سرشت, بهتا کشاورز پاک, مزمن Journal 18 (12) ۱۳۷۵.
51. با استعداد ابتلا به عفونت مزمن ویروس B1 (rs3746190 A/G) ارتباط ژنتیکی پلی مورفیسم ژن گیرنده اینترلوکین ۱۲ . صالحی, محبی, روانشاد, کارخانه, عظیم زاده, پدram, کشاورز پاک سرشت, بهتا, مجله دانشگاه علوم پزشکی مازندران B هپاتیت ۲۵ (۱۳۳), ۱۳۷۵.
52. Genetic Association between Interleukin-12 Receptor B1 Polymorphism (rs3746190 A/G) and Susceptibility to Chronic Hepatitis B Virus Infection. صالحی, محبی, روانشاد, کارخانه, عظیم زاده, پدram, پاک سرشت, بهتا کشاورز, Journal of Mazandaran University of Medical Sciences (JMUMS) 25 (133) 2016.
53. EFFECT OF HCV CORE PROTEIN ON EXPRESSION OF α -SMA IN HUMAN STELLATE CELL, LX-2 CELL LINE. ALI MALEKI, M RAVANSHAD, SY HOSSEINI, M GHOLAMI; MODARES JOURNAL OF MEDICAL SCIENCES (PATHOBIOLOGY) 18 (4), 71-78; 2016.
54. Lack of Association between Interleukin-12 Receptor B1 Gene Polymorphism (rs11575934 A/G) and Susceptibility to Chronic Hepatitis B Virus Infection. M Salehi, SR Mohebbi, M Ravanshad, M Karkhane, P Azimzadeh, ... ARAK MEDICAL UNIVERSITY JOURNAL (AMUJ) 18 (12105), 51-58; 2016.
55. Определение содержания miRNA-122 в плазме крови больных хроническим вирусным гепатитом C. M Gholami, M Ravanshad, SM Alavian, K Baesi, S Moallemi; Молекулярная биология 50 (2), 279-283, 2016.
56. The possible role of NS3 protease activity of hepatitis C virus on fibrogenesis and miR-122 expression in hepatic stellate cells. S Khanizadeh, M Ravanshad, SY Hosseini, P Davoodian, AN Zadeh, Acta virologica 60 (3), 242-248; 2016.
57. Evaluaton of miR-122 level in the plasma of chronically HCV infected patients. M Gholami, M Ravanshad, SM Alavian, K Baesi, S Moallemi; Molecular Biology 50 (2), 242-245; 2016.
58. Construction of AAV-rat-IL4 and Evaluation of its Modulating Effect on A β (1-42)-Induced Proinflammatory Cytokines in Primary Microglia and the B92 Cell Line by Quantitative PCR Assay. M Jamalidoust, M Ravanshad, M Namayandeh, M Zare, S Asaei, Jundishapur journal of microbiology 9 (3); 2016.
59. Genetic Association between Interleukin-12 Receptor B1 Polymorphism (rs3746190 A/G) and Susceptibility to Chronic Hepatitis B Virus Infection. M Salehi, SR Mohebbi,

M Ravanshad, M Karkhaneh, P Azimzadeh, Journal of Mazandaran University of Medical Sciences 25 (133), 111-118; 2016.

- 60.** The effect of TGF- β /smad signaling pathway blocking on the expression profiles of miR-335, miR-150, miR-194, miR-27a, miR-199a of hepatic stellate cells (HSCs); P Davoodian, M Ravanshad, SY Hosseini, S Khanizadeh, A NejatZadeh, Gastroenterology and Hepatology from bed to bench; 2017.
- 61.** The effect of the hepatitis C virus (HCV) NS3 protein on the expression of miR-150, miR-199a, miR-335, miR-194 and miR-27a; S Khanizadeh, M Ravanshad, SY Hosseini, P Davoodian, M Almasian, Microbial Pathogenesis; 2017.